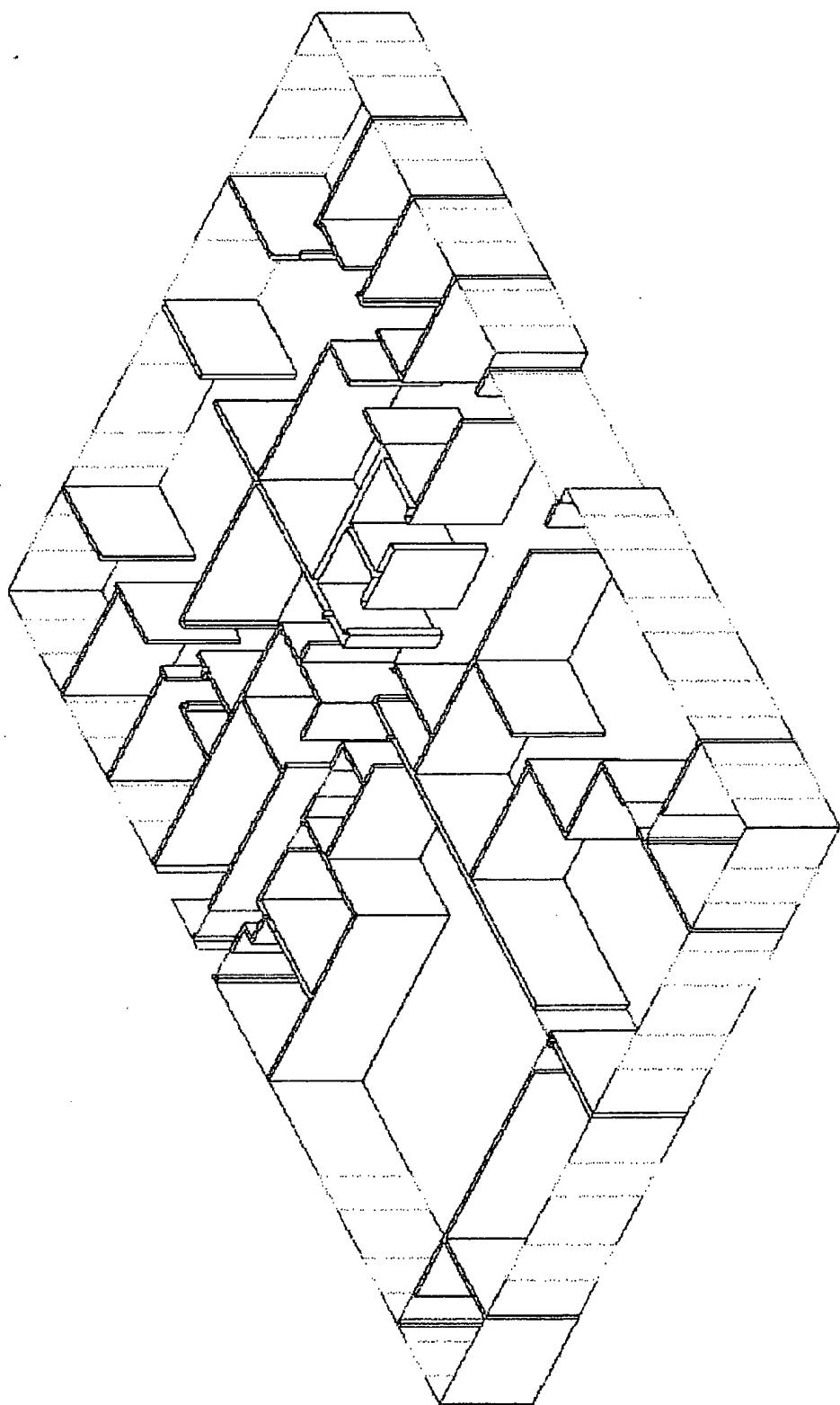


Figure 1



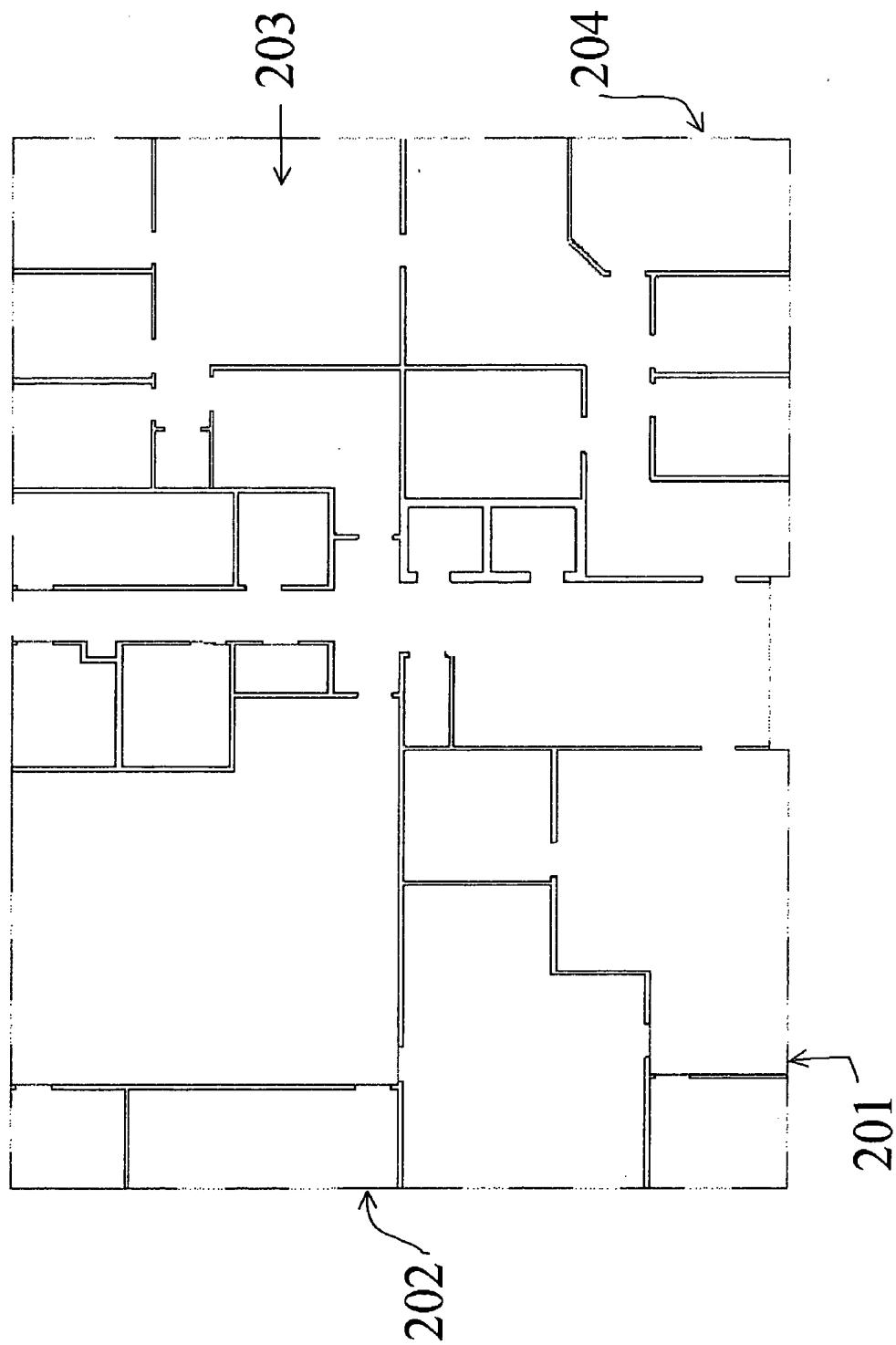
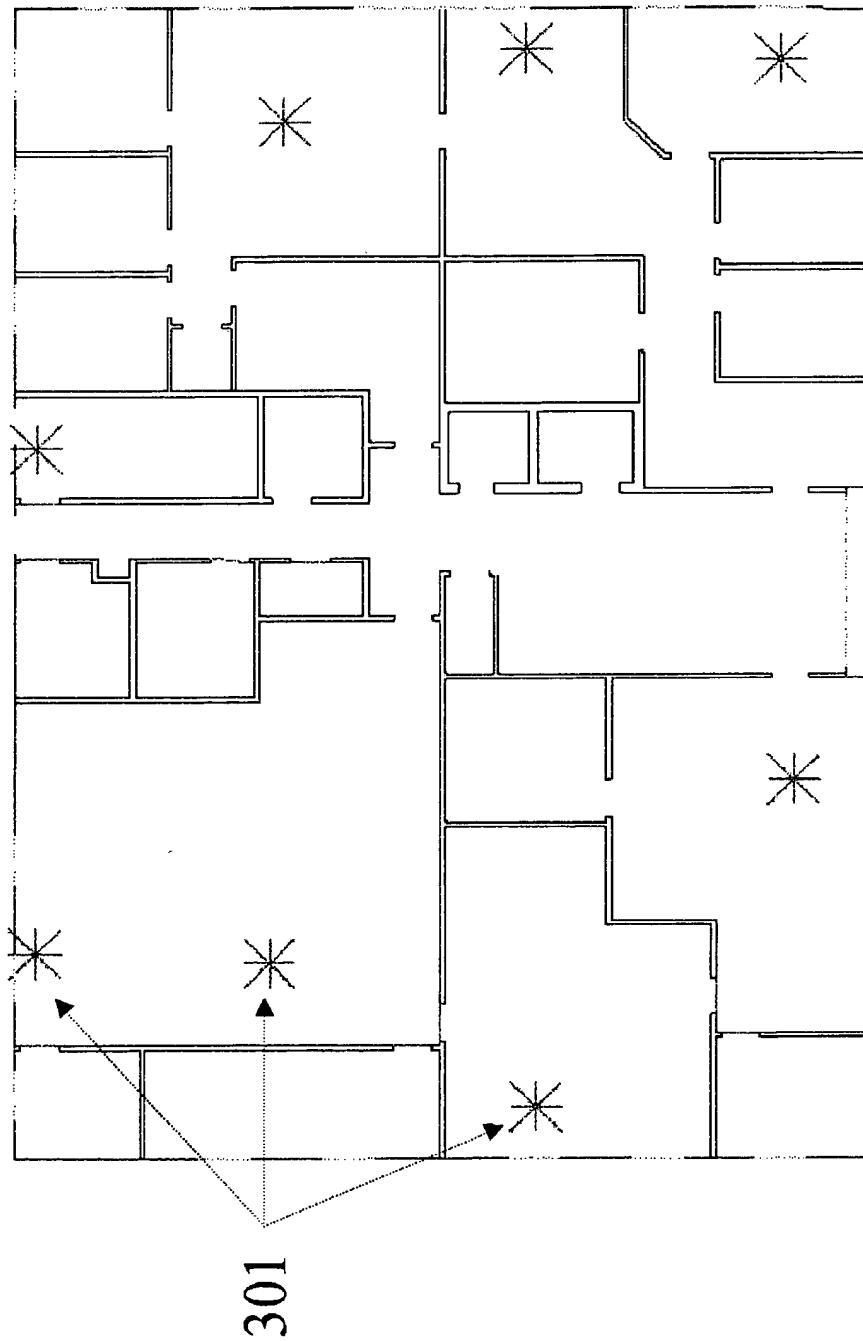


Figure 2

Figure 3



402

Type	Manufacturer	Part #	Description	Len (in)	Connections	Physical Ext	Indication	Cost
ANTENNA_POINT	Decibel Products	DB884.445	45 deg, 15.0 dB Gain	0.99	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB884.460	60 deg, 14.3 dB Gain	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB885.460	60 deg, 15.0 dB Gain	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB884.460	60 deg, 13.0 dB Gain (base)	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB885.460	60 deg, 16.0 dB Gain (base)	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB856.030.34	50 deg, 13.5 dB Gain PCS, 45/45	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB874.4115.1920	105 deg, 10.50 dB Gain 180 MHz	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB874.491	11.0 dB Gain 90 deg	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB878.4120	120 deg, 13.0 dB Gain PCS	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB880.4105.4	30 deg, 14.0 dB Gain PCS	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB880.4105.4	115 deg, 14.5 dB Gain PCS	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB880.4120.4	120 deg, 14.0 dB Gain PCS	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB880.4135.4	65 deg, 16.5 dB Gain PCS	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	DB880.4135.4	80 deg, 15.0 dB Gain PCS	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	Decibel Products	1051601MAS	Widex 105 deg, 5.5 dB Gain Panel	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	861500NA	80 deg, 15.0 dB Gain Panel	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	861500NA	90 deg, 9.3 dB Gain Panel	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	901200MAS	90 deg, 9.5 dB Gain Panel	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	901200MAS	90 deg, 8.5 dB Gain Panel	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	901200MAS	90 deg, 9.5 dB Gain Panel	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	901200MAS	90 deg, 12.0 dB Gain Panel	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	901200MAS	90 deg, 12.0 dB Gain Panel	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	901200MAS	90 deg, 13.3 dB Gain Panel	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	901200MAS	90 deg, 8.0 dB Vertical Polar Array	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	DV105.08-00_A2	90 deg, 8.0 dB Vertical Polar Array	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	DV105.08-00_M2	0.45 deg, 9.0 dB Vertical Polar Array	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	DV105.10-00_A2	0.45 deg, 9.0 dB Vertical Polar Array	0.63	1	0.00	0.00	0.00
ANTENNA_POINT	EMS Weeks	DV105.10-00_M2	0.45 deg, 10.0 dB Vertical Polar Array	0.63	1	0.00	0.00	0.00

Add Selected Components

401

Figure 4

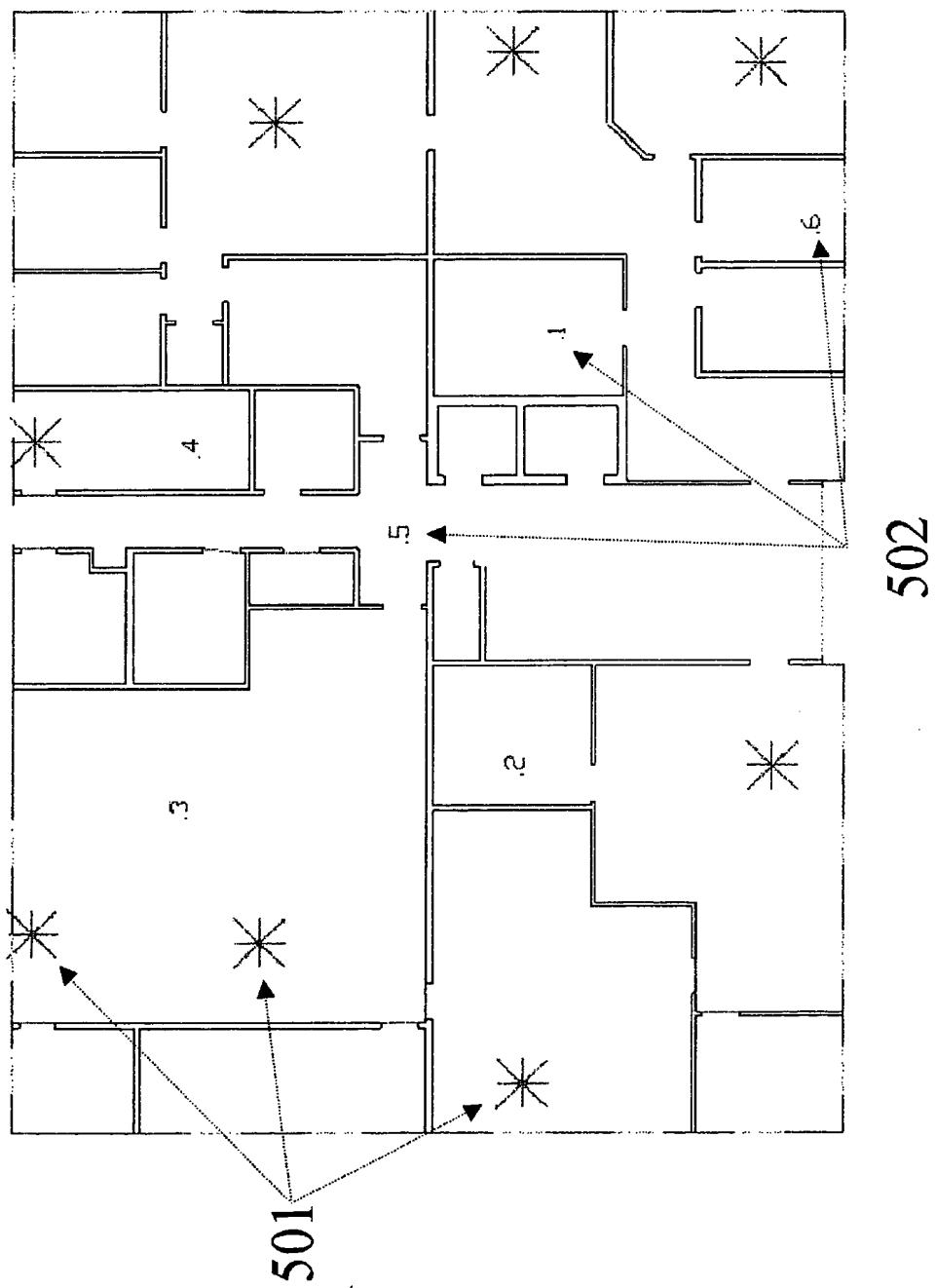


Figure 5

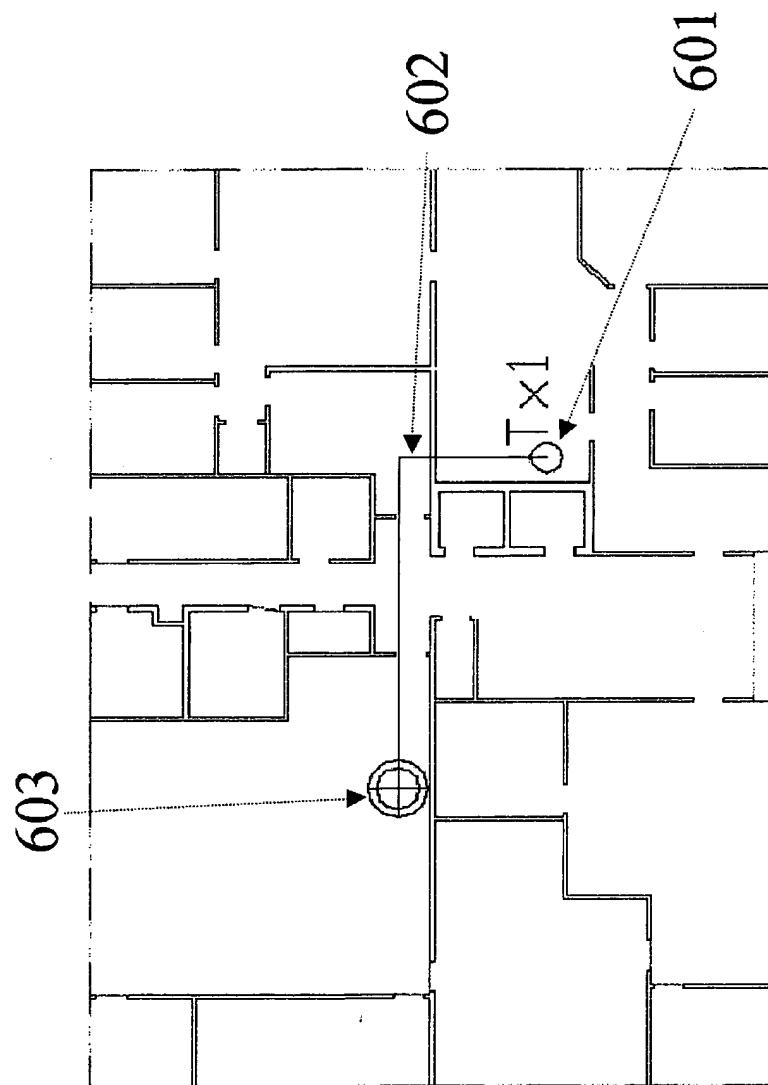


Figure 6

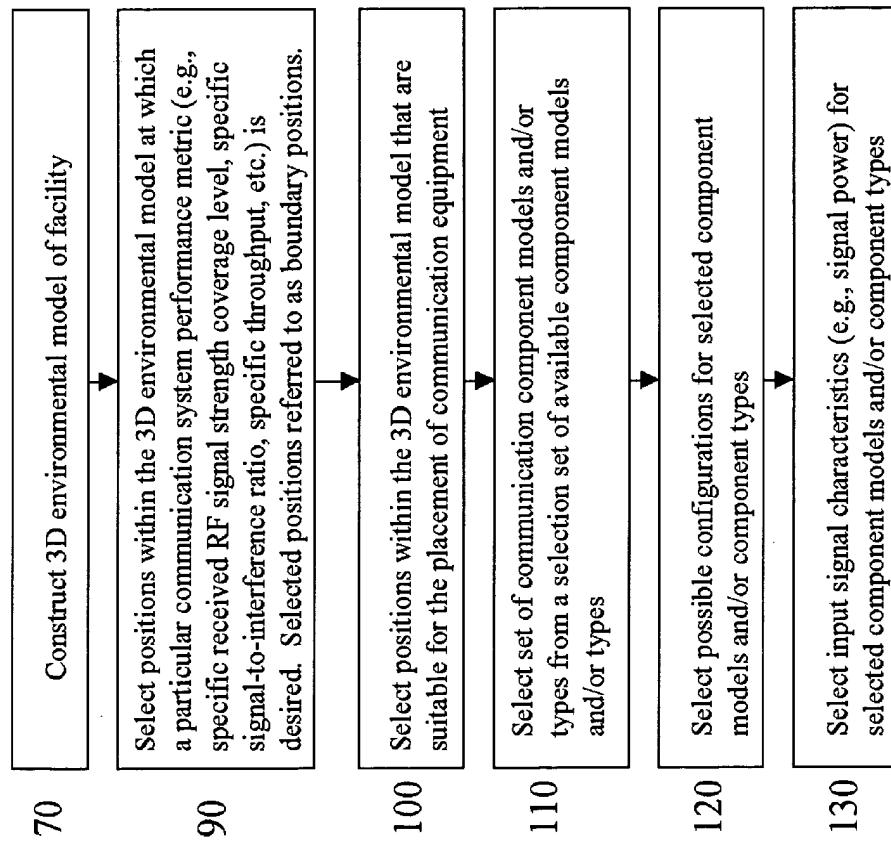


Figure 7

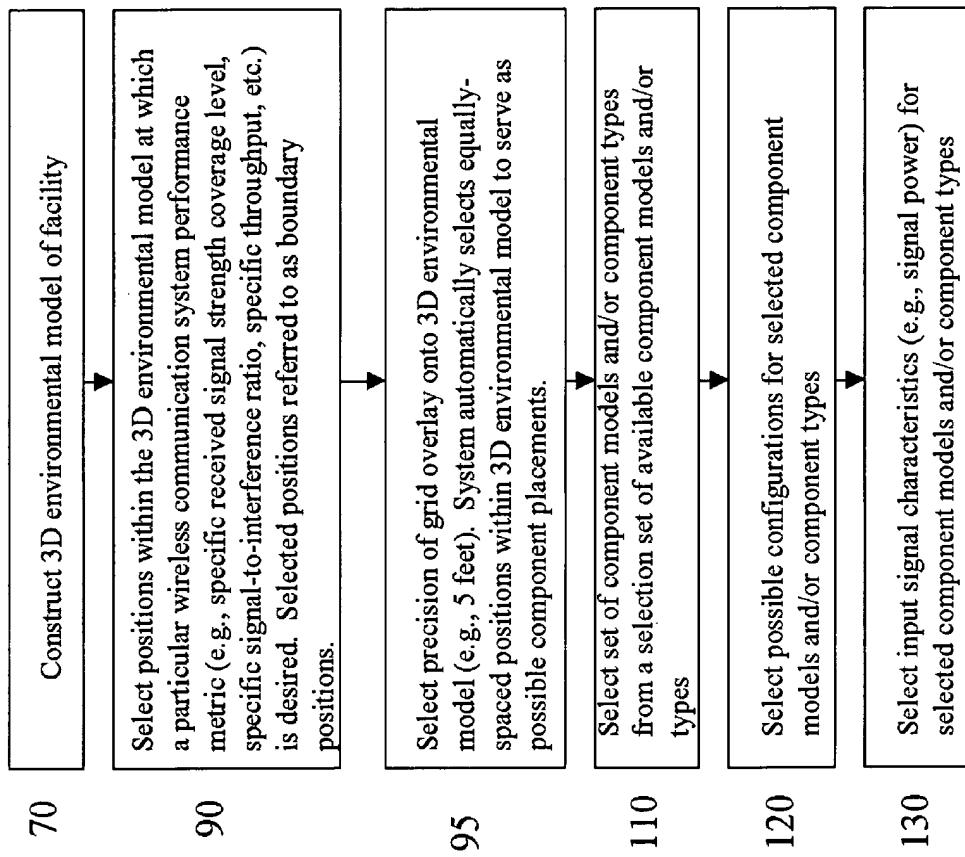


Figure 8

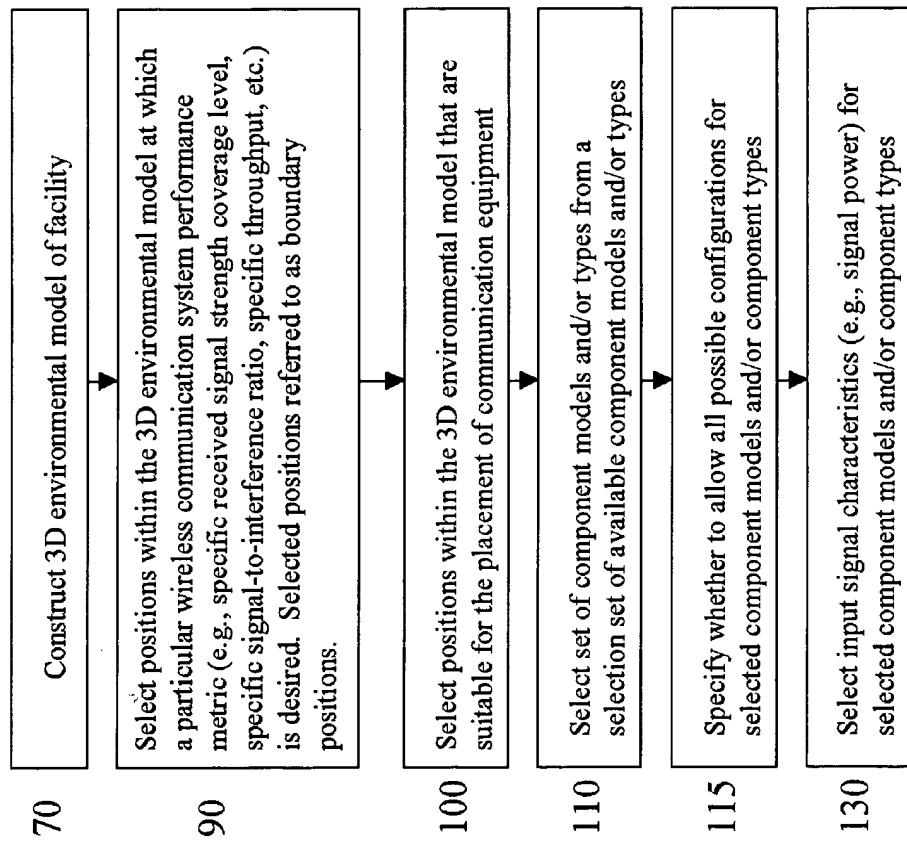


Figure 9

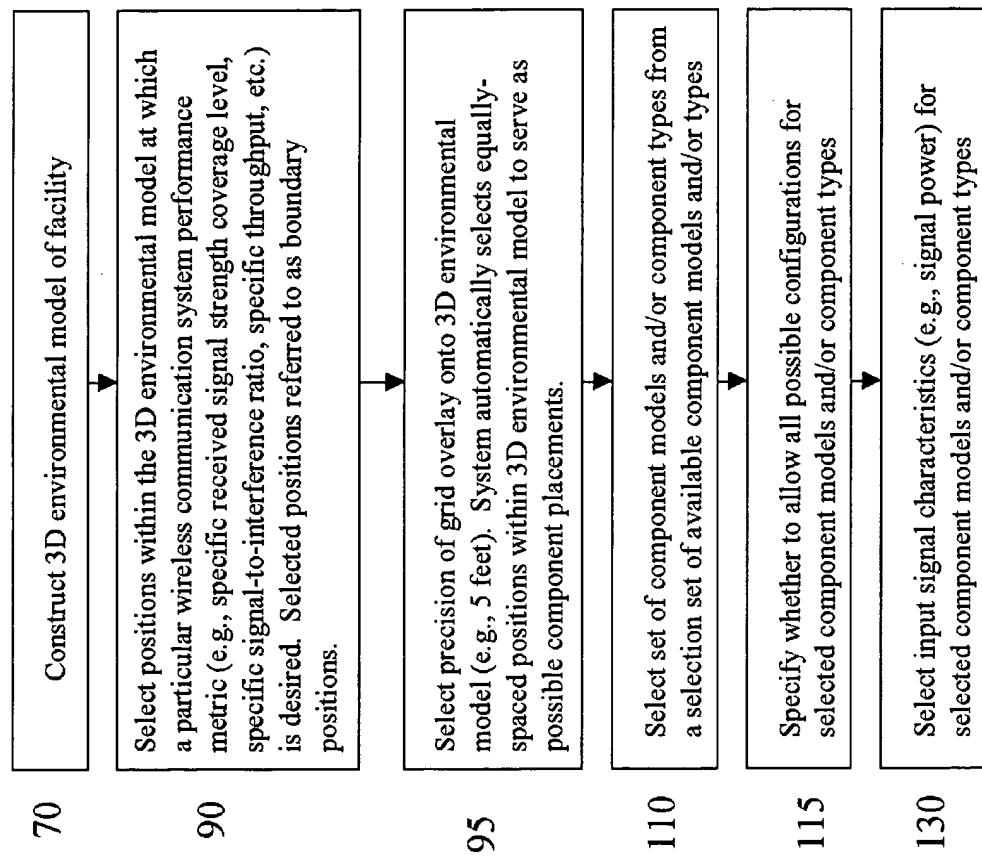


Figure 10

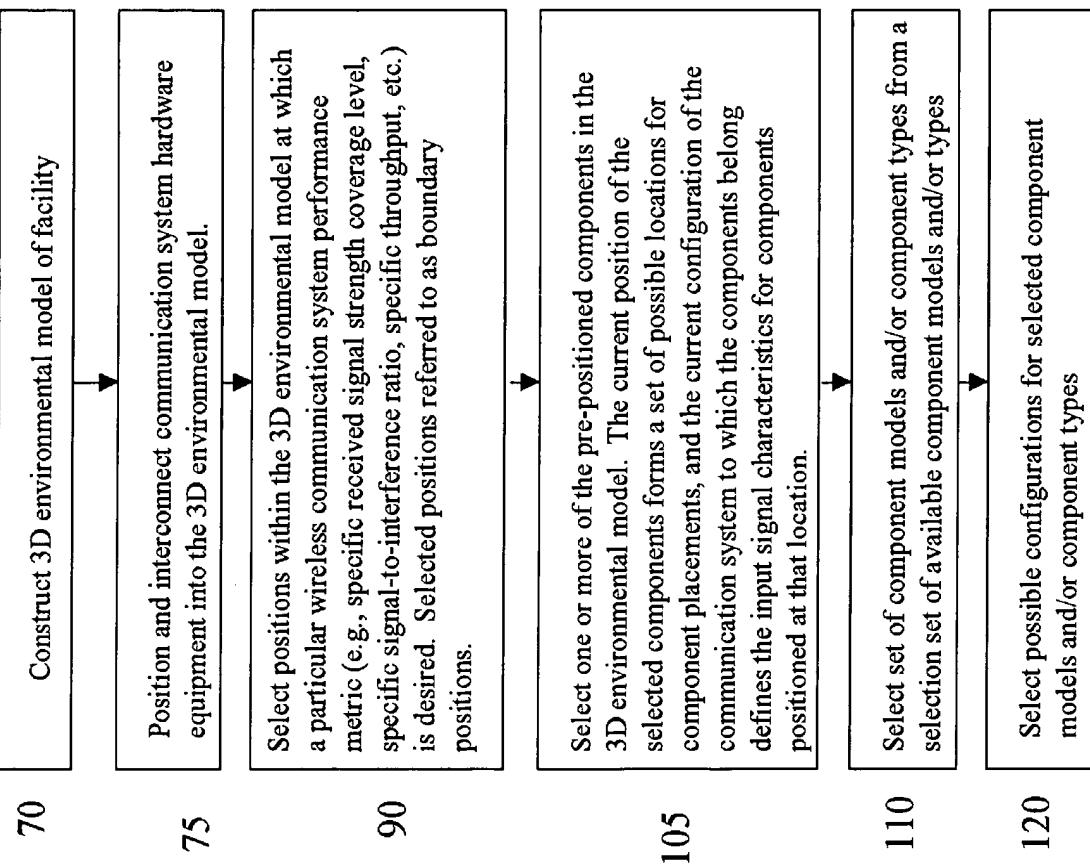


Figure 11

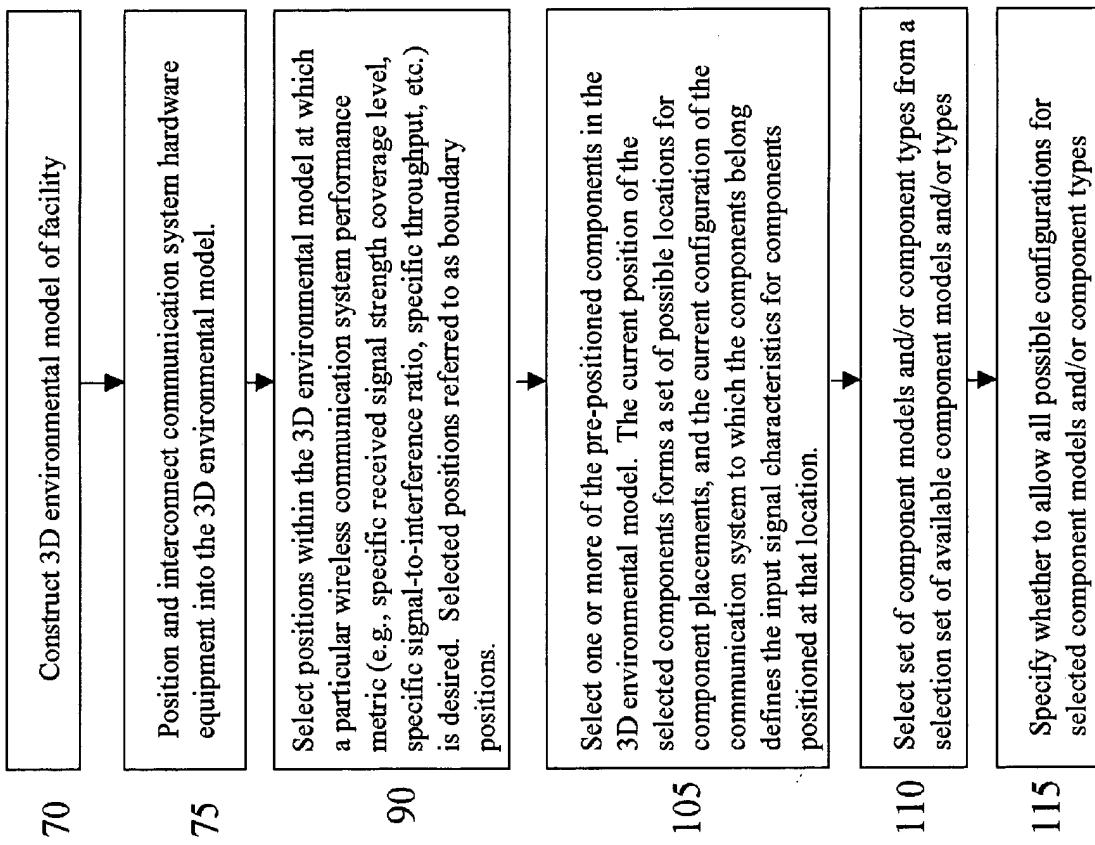


Figure 12

From Figure 7, Figure 8, Figure 9, Figure 10, Figure 11, or Figure 12

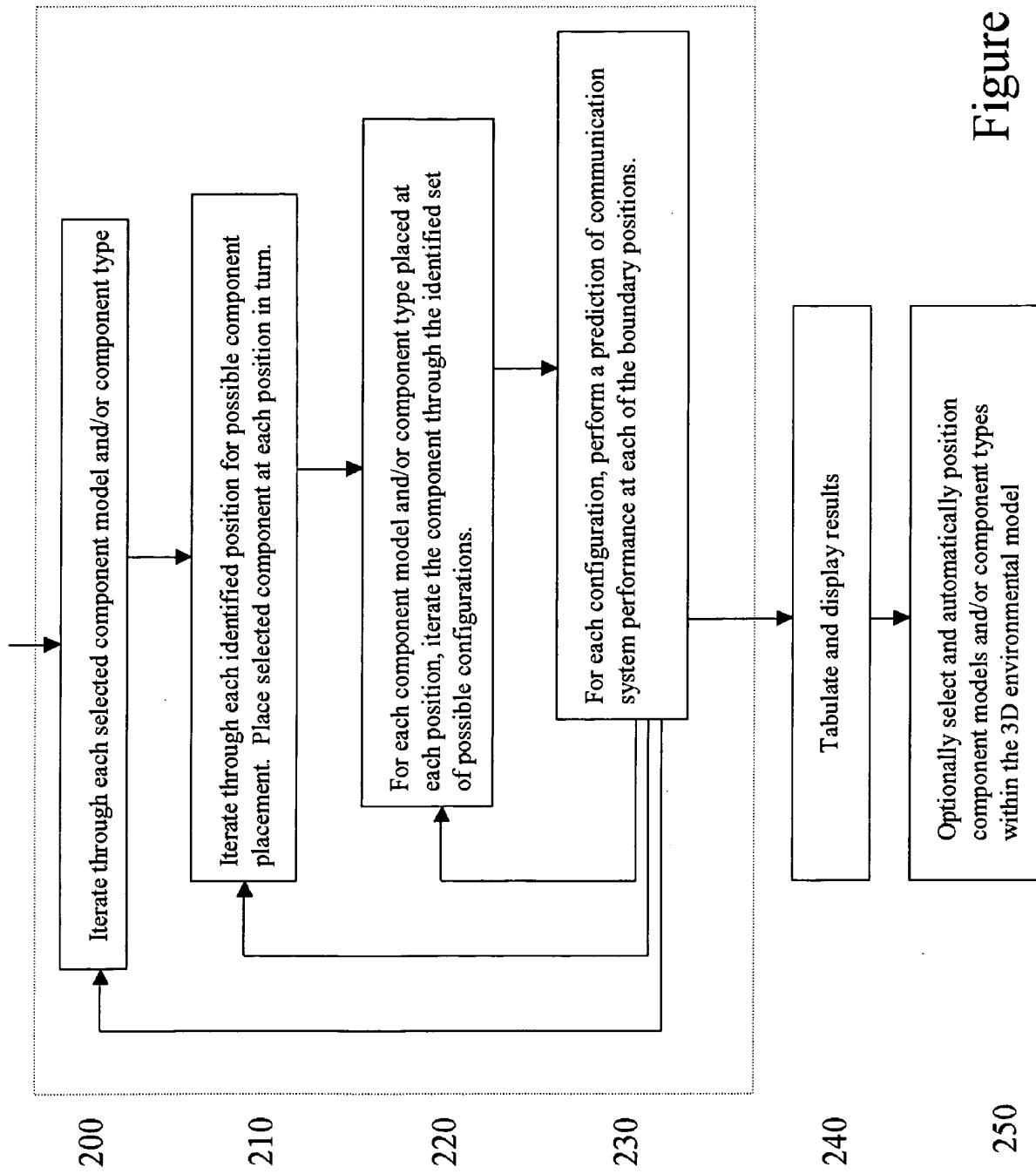


Figure 13

Manufacturer	Part #	Description	Model	100 Deg	200 Deg	300 Deg	400 Deg	500 Deg	600 Deg	700 Deg	800 Deg	900 Deg	1000 Deg
Alcatel Telecom	ASPF2313 1820	40 OHM PCN 1800:1930 380 deg. 3.00 dB Gain	0.00 dB	0.02 dB	210.00 deg	0.00 deg	250.00 deg						
Altron	7144-23	90 deg. 10 dB Gain	0.00 dB	0.75 dB	310.00 deg	90.00 deg	110.00 deg						
Antel	RWA-80100	79 deg. 10 dB Gain	0.00 dB	0.75 dB	240.00 deg	0.00 deg	130.00 deg						
Antenna Specialist	ASPS63	90 deg. 17 dB Gain	0.00 dB	0.68 dB	80.00 deg	0.00 deg	130.00 deg						
Antennatek	PD1100	7.5 dB Gain Omni	0.00 dB	0.77 dB	30.00 deg	0.00 deg	230.00 deg						
COMSATRS Inc.	PCS A 05-185	85 deg. 16.8 dB Gain PCS w/5 deg. C/I	0.00 dB	0.83 dB	120.00 deg	20.00 deg	320.00 deg						
Dape	56000*	Dual (Flat 45) Polarized 50-dBm 300W	0.00 dB	0.70 dB	130.00 deg	0.00 deg	320.00 deg						
Decibel Products	DBETS-HB3	83 deg. 15.2 dB Gain	0.00 dB	0.70 dB	170.00 deg	0.00 deg	310.00 deg						
EMIS Wireless	FS30-1140-N2	Open 11 dB Gain Omni Ant	0.00 dB	0.74 dB	250.00 deg	0.00 deg	320.00 deg						
GENERIC	VERTICAL-DIPOLE-QUARTER-5dB	15.0 deg. 5 dB Gain	0.00 dB	0.80 dB	120.00 deg	40.00 deg	200.00 deg						
Headline	618-050-1140-870	50 deg. 15.13 dB Gain 170 MHz	0.00 dB	0.73 dB	140.00 deg	0.00 deg	320.00 deg						
Cather	740247	6.5 dB Gain Omni	0.00 dB	0.75 dB	20.00 deg	0.00 deg	290.00 deg						
Mark	CV100185	Mark 10.0 dB Gain Omni	0.00 dB	0.75 dB	270.00 deg	0.00 deg	50.00 deg						
Mark	0P16-875	Scale 45 deg. 15 dB Gain (same as 742215)	0.00 dB	0.69 dB	140.00 deg	0.00 deg	330.00 deg						
Mark	SHL4111-CR105	105 deg. 5.5 dB Gain	0.00 dB	0.75 dB	310.00 deg	90.00 deg	190.00 deg						
Mark	Sheldan Corporation	82 deg. 11.3 dB Gain	0.00 dB	0.74 dB	30.00 deg	0.00 deg	320.00 deg						
Mark	TEK TA 802-60	TIL-TEK 50 deg. 12.5 dB Gain	0.00 dB	0.00 deg	0.00 deg	0.00 deg	0.00 deg						

2. Back

Data

Figure 14

Figure 15

